

CHANGE ORDER NO. 1  
CONTRACT # 01-037

DATE: February, 22, 2001  
PROJECT DESCRIPTION: Lick Creek Wastewater Treatment  
Plant Expansion Project

P.O.# PROJECT # SS 9806

**OWNER:**

City of College Station  
P.O. Box 9960  
College Station, Texas 77842

**CONTRACTOR:**

Bryan Construction Company  
1007 N. Earl Rudder Freeway  
Bryan, TX 77805

Ph: 979-776-6000

Fax: 979-776-6008

**PURPOSE OF THIS CHANGE ORDER:**

Item 1: Delete/Modify Architectural Items from the Lick Creek and Carters Creek WWTP

Item 2: Delete/Modify Mechanical Items from the Lick Creek WWTP

Item 3: Delete/Modify Electrical/Instrumentation Items from the Lick Creek and Carters Creek WWTP

ITEM NO.	UNIT	DESCRIPTION	UNIT PRICE	ORIGINAL QUANTITY	REVISED QUANTITY	COST
1	Lump Sum	Delete/Modify Architectural Items	-\$85,212	One	One	-\$85,212
2	Lump Sum	Delete/Modify Mechanical Items	-\$127,266	One	One	-\$127,266
3	Lump Sum	Delete/Modify Electrical/Instr. Items	-\$129,662	One	One	-\$129,662

THE NET AFFECT OF THIS CHANGE ORDER IS A 3.2% Decrease (See attachment for itemization)

**ORIGINAL CONTRACT AMOUNT**

\$10,533,500.00

Change Order No. 1

- \$ 342,140.00 -3.2 % of Original Contract Amount

Change Order No. 2

\$            % of Original Contract Amount

Change Order No. 3

\$            % of Original Contract Amount

**REVISED CONTRACT AMOUNT**

\$10,191,360.00

**ORIGINAL CONTRACT TIME**

525 Days

Change Order No. 1 Time Extension or Reduction

0 Days

Change Order No. 2 Time Extension or Reduction

Days

Change Order No. 3 Time Extension or Reduction

Days

**REVISED CONTRACT TIME**

525 Days

ORIGINAL SUBSTANTIAL COMPLETION DATE

To be Determined

REVISED SUBSTANTIAL COMPLETION DATE

Not Applicable

**APPROVED:**

  
AVE CONTRACTOR

2/22/01  
Date

\_\_\_\_\_  
CITY ATTORNEY Date

  
CONSTRUCTION CONTRACTOR

2-23-01  
Date

\_\_\_\_\_  
DIRECTOR OF FISCAL SERVICES Date

  
PROJECT ENGINEER


2-23-01  
Date

\_\_\_\_\_  
CITY MANAGER Date

\_\_\_\_\_  
CITY ENGINEER

\_\_\_\_\_  
Date

\_\_\_\_\_  
MAYOR Date

  
DEPARTMENT DIRECTOR/ADMINISTRATOR

2/23/01  
Date

\_\_\_\_\_  
CITY SECRETARY Date

PROJECT: Lick Creek WWTP Expansion Project

Change Order No. 1 Attachment

OWNER: City of College Station  
P.O. Box 9960  
College Station, Texas 77842

CONTRACTOR: Bryan Construction Company  
1067 N. Earl Rudder Freeway  
Bryan, Texas 77805

**Item No. 1 - Architectural Items**

*Lick Creek WWTP*

Replace burnished block with split face block  
Delete screen walls, columns and foundations  
Use R-panel siding in lieu of concealed fastener siding at all metal buildings  
Delete stone clad floor coating at solids handling facility  
Add skid resistant floor coating at solids handling facility

*Carters Creek WWTP*

Replace burnished block with split face block  
Delete front screen wall and foundation  
Replace interior block with drywall at corridors 111,115 and 120  
Delete acoustical wall panels in the lobby

Bonds and Insurance

Subtotal for Architectural Items

\$85,212.00

**Item No. 2 - Mechanical Items**

Replace coarse bubble diffusers at aeration basins with Sanitaire D-24 diffusers  
Delete certified non-witness performance test for vertical turbine pumps  
Change stainless steel collets to carbon steel collets for vertical turbine pumps  
Delete special coating and replace with epoxy primer for vertical turbine pumps  
Delete RTD sensor for submersible pumps  
Delete spare parts for submersible pumps  
Change weirs and baffles from FRP to 1/4" aluminum for the clarifiers  
Deletion of 1-day of training for sluice gates  
Deletion of 1-day of training for slide gates  
Deletion of 1-day of training for vertical turbine pumps  
Deletion of spare parts for sludge collection equipment  
Deletion of 1/2-day of training for aluminum cover system

Change Order No. 1 Attachment (Continued)

Deletion of spare parts for waste activated sludge blowers  
Deletion of 1/2-day of training for waste activate; sludge blowers  
Deletion of spare parts for progressive cavity pumps  
Deletion of 1/2-day of training for progressive cavity-pumps  
Deletion of spare parts for submersible wastewater pumps  
Deletion of 1-day of training for submersible wastewater pumps  
Deletion of 1/2-day of training for mechanical screen  
Deletion of spare parts for fine bubble aeration  
Deletion of 1-day of **training** for fine bubble aeration  
Deletion of spare parts for coarse bubble ~~aeration~~  
Deletion of 1/2-day of training for coarse bubble **aeration**  
Deletion of spare parts for centrifugal blowers  
Deletion of 1/2-day of training for centrifugal blowers  
Deletion of HMI Intellution Software training  
Deletion of RTU hardware and software training  
Deletion of spares and consumables for the laser printer  
Change of UV manufacturer

Bonds and Insurance

Subtotal for Mechanical Items

\$127,266.00

**Item No. 3 - Electrical/Instrumentation Items**

*Lick Creek WWTP*

Modify reinforcing at concrete encased ductbanks  
Delete 6" gravel fill under concrete encased ductbanks  
Replace 4/0 copper ground with metallic backed marking tape at ductbanks  
Change 8'X6'X8' manholes IMH 1,2,4,5,6 and 7 to 4'X4'X4' handholes  
Change fixtures to an equal Hubbell fixture package  
Change poles for P1 & P2 fixtures from hinged type to 5" straight square steel poles  
Provide only one remote Ethernet Communication Module  
Delete all IOM4444-20 input/output from meters  
Change 6 CM2350 meters for MCC mains to 6 PM620 meters with displays  
Add 2 IOM11 input/output modules to the two main service entrance meters  
Delete 2 days of on-site power logic training  
Delete all space heaters and thermostats from indoor NEMA 1 MCCs  
Britt Rice Electric to provide start-up & testing of switchboard & MCCs  
Square D to provide one day of on-site training on VFDs & MCCs  
Delete steel barriers between vertical sections of main switchboard  
Delete the network cable tester & two digital multi-meters from 13300 1.10  
Delete part of allowance for expenses in 13300 1.03 B. (\$7,500 remains)  
Delete air venturis and associated differential pressure transmitters

Change Order No. 1 Attachment (Continued)

*Carters Creek WWTP*

Britt Rice to perform all required modifications to existing switchboard

Bonds and Insurance

Subtotal for Electrical/Instrumentation Items

\$129,662.00

**Change Order No. 1 Total**

**\$342,140.00**